

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10552961"	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 13:25
S2	27	"68".clas. and (damp\$4 near5 (pin or bolt))	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 13:55
S3	404	68/23.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 13:57
S4	139	68/23.1.ccls. and (pin or bolt)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 13:57
S5	14	68/23.1.ccls. and (pin or bolt) near10 (elastic or rubber or felt)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 13:57
S6	270	68/23.2.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 14:10
S7	367	68/23.3.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 14:10
S8	983	S3 or S6 or S7	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 14:10
S9	0	("2005/0183472").URPN.	USPAT	OR	ON	2009/05/13 14:12
S10	9	"1344596"	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 14:35
S11	2	("1344596").URPN.	USPAT	OR	ON	2009/05/13 14:37
S12	0	("2005/0193779").URPN.	USPAT	OR	ON	2009/05/13 14:59
S13	24	("3509742").URPN.	USPAT	OR	ON	2009/05/13 15:20
S14	21	("0707388"   "3195809"   "3509742"   "3804324"). PN. OR ("4079882"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 15:23
S15	111	S8 and ((pin or bolt) near10 (elastic or rubber or felt or compress\$4 or spring or resilient))	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 15:44
S16	1	("2948401").URPN.	USPAT	OR	ON	2009/05/13 15:50
S17	10	("2895697"   "3262661"   "4548590"   "4643116"). PN. OR ("5230229"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 16:37

S18	13	("2895697"   "3262661"   "4548590"   "4643116"). PN. OR ("5335522"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 16:40
S19	1197	((wash\$4 or dry\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and ((pin or bolt) near10 (elastic or rubber or felt))	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 16:47
S20	1016	((wash\$4 or dry\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and ((pin or bolt) near10 (hollow))	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 16:47
S21	658	((wash\$4 or dry\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and ((pin or bolt) near5 (hollow))	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 16:47
S22	1282	((wash\$4 or dry\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and ((pin or bolt) near10 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or spring\$3 or resilient\$3 or resilienc\$3) near10 (internal\$3 or hollow or center or central\$3 or middle or inside or within or interior))	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 16:49
S23	90	((wash\$4 or dry\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and (((pin or bolt) near10 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or spring\$3 or resilient\$3 or resilienc\$3) near10 (internal\$3 or hollow or center or central\$3 or middle or inside or within or interior)) same (damp \$4 or suspend\$3 or	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 16:51

		suspension or vibrate or vibration or vibrating) )				
S24	7	("2324997").URPN.	USPAT	OR	ON	2009/05/13 17:01
S25	14	("2324997"   "2851314"   "3288500"   "4139246").PN. OR ("4316643").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 17:02
S26	5	((wash\$4 or dry\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and (((pin or bolt) near10 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or spring\$3 or resilient\$3 or resilienc\$3) near10 (internal\$3 or hollow or center or central\$3 or middle or inside or within or interior)) same (damp \$4 or suspend\$3 or suspension or vibrate or vibration or vibrating) )	EPO; JPO; DERWENT	OR	ON	2009/05/13 17:22
S27	7	((wash\$4 or dry\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and ((pin or bolt) near10 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or spring\$3 or resilient\$3 or resilienc\$3) near10 (internal\$3 or hollow or center or central\$3 or middle or inside or within or interior)) and (damp\$4 or suspend\$3 or suspension or vibrate or vibration or vibrating)	EPO; JPO; DERWENT	OR	ON	2009/05/13 17:24

S28	25	((wash\$4 or dry\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and ((pin or bolt) near10 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or spring\$3 or resilient\$3 or resilienc\$3) and (internal \$3 or hollow or center or central\$3 or middle or inside or within or interior)) and (damp\$4 or suspend\$3 or suspension or vibrate or vibration or vibrating)	EPO; JPO; DERWENT	OR	ON	2009/05/13 17:25
S29	1	2003-893324.NRAN.	DERWENT	OR	ON	2009/05/13 17:30
S30	2819	((pin or bolt) near10 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or spring\$3 or resilient\$3 or resilienc\$3) and (internal \$3 or hollow or center or central\$3 or middle or inside or within or interior)) and (damp\$4 or suspend\$3 or suspension or vibrate or vibration or vibrating)	EPO; JPO; DERWENT	OR	ON	2009/05/13 17:36
S31	1920	((pin or bolt) near5 (elastic \$3 or rubber\$3 or felt\$3 or compress\$4 or spring \$3 or resilient\$3 or resilienc\$3) and (internal \$3 or hollow or center or central\$3 or middle or inside or within or interior)) and (damp\$4 or suspend\$3 or suspension or vibrate or vibration or vibrating)	EPO; JPO; DERWENT	OR	ON	2009/05/13 17:36

S32	455	((pin or bolt) near5 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or spring\$3 or resilient\$3 or resilienc\$3) near5 (internal\$3 or hollow or center or central\$3 or middle or inside or within or interior)) and (damp\$4 or suspend\$3 or suspension or vibrate or vibration or vibrating)	EPO; JPO; DERWENT	OR	ON	2009/05/13 17:37
S33	1758	((pin or bolt) near5 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or spring\$3 or resilient\$3 or resilienc\$3) near5 (internal\$3 or hollow or center or central\$3 or middle or inside or within or interior)) same (damp\$4 or suspend\$3 or suspension or vibrate or vibration or vibrating)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 17:37
S34	227	((pin or bolt) near5 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or resilient\$3 or resilienc\$3) near5 (internal\$3 or hollow or center or central\$3 or middle or inside or within or interior)) and (damp\$4 or suspend\$3 or suspension or vibrate or vibration or vibrating)	EPO; JPO; DERWENT	OR	ON	2009/05/13 17:38
S35	681	((pin or bolt) near5 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or resilient\$3 or resilienc\$3) near5 (internal\$3 or hollow or center or central\$3 or middle or inside or within or interior)) same (damp\$4 or suspend\$3 or suspension or vibrate or vibration or vibrating)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 17:38

S36	177	((pin or bolt) near5 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or resilient\$3 or resilienc\$3) near5 (internal\$3 or hollow or center or central\$3 or middle or inside or within or interior)) near20 (damp\$4 or suspend\$3 or suspension or vibrate or vibration or vibrating)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 18:08
S37	327	((pin or bolt) near5 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or resilient\$3 or resilienc\$3) near5 (internal\$3 or hollow or center or central\$3 or middle or inside or within or interior)) same (damp\$4 or suspend\$3 or suspension or vibrate or vibration or vibrating)	US-PGPUB; USPAT	OR	ON	2009/05/13 18:08
S38	327	S36 or S37	US-PGPUB; USPAT	OR	ON	2009/05/13 18:08
S39	2	("1344596").URPN.	USPAT	OR	ON	2009/05/13 18:12
S40	87	411/479.ccls.	USPAT	OR	ON	2009/05/13 18:14
S41	39	411/479.ccls. and (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or resilient\$3 or resilienc\$3)	USPAT	OR	ON	2009/05/13 18:15
S42	42	403/379.6.ccls.	USPAT	OR	ON	2009/05/13 18:40
S43	12810	((pin or bolt or coupler or coupling) near5 (internal\$3 or hollow or center or central\$3 or middle or inside or within or interior)) near5 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or resilient\$3 or resilienc\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 18:50
S44	4141	((pin or bolt or coupler or coupling) near5 (internal\$3 or hollow or inside or interior)) near5 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or resilient\$3 or resilienc\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 18:51

S45	1548	((pin or bolt or coupler or coupling) near5 (internal \$3 or hollow or inside or interior)) near5 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or resilient\$3 or resilienc\$3) same (connect\$4 or join)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 18:52
S46	1588	((pin or bolt or coupler or coupling) near5 (internal \$3 or hollow or inside or interior)) near5 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or resilient\$3 or resilienc\$3) same (connect\$4 or join or couple)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 18:52
S47	547	((pin or bolt or coupler or coupling) near5 (internal \$3 or hollow or inside or interior)) near5 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or resilient\$3 or resilienc\$3) near10 (connect\$4 or join or couple)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 18:53
S48	8	"5335522"	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 19:54
S52	0	gb490718	EPO; JPO; DERWENT	OR	ON	2009/05/13 19:58
S53	0	gb490718a	EPO; JPO; DERWENT	OR	ON	2009/05/13 19:58
S54	519	pin and hollow and shell	EPO; JPO; DERWENT	OR	ON	2009/05/13 19:59
S55	14	pin and hollow and shell and compression	EPO; JPO; DERWENT	OR	ON	2009/05/13 19:59
S56	1	"54057076"	EPO; JPO; DERWENT	OR	ON	2009/05/13 20:14
S57	804	felt near5 compressible	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 20:51
S58	313	felt near5 compress	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 20:51
S59	2142	felt near5 resilient	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 20:51
S60	97	felt near5 dampen	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 20:52
S61	51	felt near5 dampen near5 (impact or vibration or sound)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 20:52

S62	1	(felt near5 rubber) near5 dampen near5 (impact or vibration or sound)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/13 20:54
S63	18	"2819105"	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/14 11:43
S64	9	"3333874"	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/14 11:44
S65	4	("3333874").URPN.	USPAT	OR	ON	2009/05/14 11:45
S66	7	"3531903"	USPAT	OR	ON	2009/05/14 11:46
S67	5	("3531903").URPN.	USPAT	OR	ON	2009/05/14 11:47
S68	38	("1645701"   "2170708"   "2340423"   "3009597"   "3140540"   "3183394"   "3484931"   "3531903"   "3640361"   "3895409"   "3939529"   "4030003"   "4156049"   "4258089"   "4409354"   "4688317"   "4721406"   "4812367"   "4897439"   "4914146"   "5009557"   "5009959"   "5015136"   "5024881"   "5274921"   "5573846"   "5860780").PN. OR ("6272728").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/14 11:49
S69	8	("2340423").URPN.	USPAT	OR	ON	2009/05/14 11:50
S70	8	("2340423").URPN.	USPAT	OR	ON	2009/05/14 11:51
S71	23	("1109094"   "1840928"   "2340423"   "2400142"   "2435847"   "2479075"). PN. OR ("3710674"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/14 11:55
S72	3	("1840928").URPN.	USPAT	OR	ON	2009/05/14 11:56
S73	3464	(expand\$4 or expans\$4) near10 (coupling or rivet or bushing or fastener or pin or bolt) near5 (rubber or resilient or resilience or elastic or thermoelastic or spring)	USPAT	OR	ON	2009/05/14 11:57
S74	353	(expand\$4 or expans\$4) near5 (coupling or rivet or bushing or fastener or pin or bolt) near5 (rubber or elastic or thermoelastic)	USPAT	OR	ON	2009/05/14 11:58



S75	8	("2400142").URPN.	USPAT	OR	ON	2009/05/14 11:59
S76	13	("1407570"   "1420532"   "2207008"   "3277770"). PN. OR ("3703119"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/14 15:07
S77	9	("1120657"   "2771262"   "3778539"   "3813986"   "4997327").PN. OR ("RE35358").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/14 15:37
S78	13	("1965145"   "2155584"   "3167935"   "3948574"   "4290236"   "4926529"   "5305594").PN. OR ("5667442").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/14 15:40
S79	14	("3701373"   "4114509"   "4635326"   "5163795"   "5322402"   "5775860"   "6616479").PN. OR ("6769849").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/14 16:04
S80	160	(expand\$4 or expans\$4) near5 (collar or grommet) near5 (rubber or elastic or thermoelastic)	USPAT	OR	ON	2009/05/14 16:10
S81	14	("3701373"   "4114509"   "4635326"   "5163795"   "5322402"   "5775860"   "6616479").PN. OR ("6769849").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/14 16:19
S82	14828	slotted near3 (bolt or pin)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/14 16:38
S83	1814	slotted near3 (bolt or pin) near5 (connect\$4 or fasten \$4 or join\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/14 16:38
S84	25	slotted near3 (bolt or pin) near5 (connect\$4 or fasten \$4 or join\$4) near10 (compress\$4 or expand\$4 or expans\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/14 16:42
S85	59	yoong-seong-no\$.in. or lee- bong-sang\$.in. or gong- sung-rak\$.in. or kim-bo- yeon\$.in. or lee-seong-yeol \$.in. or kwon-dae-hee\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/14 16:55

S86	153	lg.as. and ((wash\$4 or dry \$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and (pin or bolt) and (damp\$4 or suspend \$3 or suspension or vibrate or vibration or vibrating)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/14 16:59
S87	977	felt near5 lubricant	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/09 13:46
S88	577	felt near3 lubricant	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/09 13:46
S89	47	felt near3 lubricant and felt with compress\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/09 13:46

11/ 10/ 2009 9:05:08 AM

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